

NOTES ON A SMALL COLLECTION OF NEUROPTERA,
EPHEMEROPTERA AND TRICHOPTERA
COLLECTED IN MADEIRA IN 1966

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During the month of August 1966 I was able to make trips to several very interesting high mountain localities in the interior of Madeira.

These visits were made possible by the help and with the active participation of Mr. G. E. Maul of the Museu Municipal, Funchal, and I want to thank him for these and many other acts of kindness and practical assistance.

Insects in all groups were collected but rather than await the outcome of the investigation of the whole collection I have judged it preferable to place on record information on individual groups as it comes to hand.

For the identification of the Neuroptera and Trichoptera my grateful thanks are due to Mr. D. E. Kimmins of the Dept. of Entomology, British Museum (Natural History).

All the specimens have been deposited in the British Museum (Nat. Hist.).

Neuroptera

Myrmeleontidae

Four specimens were handed to me by Mr. A. Zino, taken by him during the month of August 1966, i. e.

Acanthaclisis baetica Ramb. Porto Santo. 1 specimen.

Formicaleo catta (F.). Funchal. At light. 1 specimen.

Myrmeleon alternans (Brullé). Funchal. At light. 2 specimens.

Ephemeroptera**Baetidae**

Centroptilum sp. Female subimago. Bica da Cana. 10th August.

Trichoptera**Rhyacophilidae**

Lanagapetus lundbladi Mosely. One male specimen. Bica da Cana. 10th August.

This is apparently the second known specimen. The type specimen, which was described by Mosely in 1938 (Arkiv f. Zool. 30A: 14), was deposited in the Stockholm Museum and so far as I know the species has not been taken since. The type locality is Rabaçal.

Psychomyiidae

Tinodes cinerea Hagen. Bica da Cana. 10th August. 6 specimens. This Madeiran endemic appears to be a common species in the higher mountains on wet rock faces. Prof. O. Lundblad took numerous examples in 1935 at Rabaçal and Risco between 17th June and 4th August.

Tinodes grisea Hagen. One male specimen. Bica da Cana. 10th August. Hagen described this species from a single female. Prof. O. Lundblad took two more female specimens at Risco. 2nd August 1935, in grass on a perpendicular cliff, moistened by trickling water. The specimen now recorded was taken in a similar situation.

It appears to be the first male specimen to be taken.

Tinodes sp. Female. Bica da Cana. 10th August. 1 specimen.

Hydropsychidae

Hydropsyche maderensis Hagen. 3 specimens. Ribeira de Santa Luzia. 11th August. 1 specimen. Ribeiro Bonito. 21st August.

The adults of this species are to be seen flying over open water of pools formed by mountain torrents.

Apart from the specimens of Myrmeleontidae noted above all specimens were collected by E. W. C.